

Puget Sound Clean Air Agency

Notice of
Construction No. 9229

Registration No. 11339

Date 5/17/2007

HEREBY ISSUES AN ORDER OF APPROVAL TO CONSTRUCT, INSTALL, OR ESTABLISH

Used oil firing system including tanks, pumps and piping, using existing burner, with the following new equipment:
(1) 20,000 gal used oil holding tank, (1) 6 gal/min pump, (1) Mass flow meter, (1) 3/4" pipe with nozzle fitted
inside existing ignition sleeve of existing burner.

APPLICANT

Gerald Brown
Ash Grove Cement Co, E Marginal
3801 E Marginal Way S
Seattle, WA 98134

OWNER

Ash Grove Cement Co, E Marginal
3801 E Marginal Way S
Seattle, WA 98134

INSTALLATION ADDRESS

Ash Grove Cement Co, E Marginal, 3801 E Marginal Way S, Seattle, WA, 98134-1113

THIS ORDER IS ISSUED SUBJECT TO THE FOLLOWING RESTRICTIONS AND CONDITIONS

1. Approval is hereby granted as provided in Article 6 of Regulation I of the Puget Sound Clean Air Agency to the applicant to install or establish the equipment, device or process described hereon at the INSTALLATION ADDRESS in accordance with the plans and specifications on file in the Engineering Division of the Puget Sound Clean Air Agency.
2. This approval does not relieve the applicant or owner of any requirement of any other governmental agency.

BURN NON-HAZARDOUS USED OIL

3. Ash Grove shall limit used oil to non-hazardous as defined by WAC 173-303-515, Special Requirements for Used Oil Burned for Energy Recovery, or by WAC 173-303-090, Dangerous Waste Characteristics. Ash Grove is authorized to burn used oils meeting the material specifications in Condition No. 5 of this order.
4. Ash Grove shall limit the total amount of used oil injected into the kiln to 8640 gal/calendar day. Ash Grove shall monitor and maintain daily records of the volume of used oil injected into the kiln. Ash Grove shall submit these records on a monthly basis with the required CEMS reports. Examples of used oil include:
 - (a) Used oils;
 - (b) Refined oil tank bottoms;
 - (c) Raw crude tank bottoms;
 - (d) Heavy vacuum gas oil waste;
 - (e) Off specification fuel oil.
5. Ash Grove shall only burn used oils meeting the following limits as delivered:

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- (a) As less than or equal to 5 ppm;
- (b) Cd less than or equal to 2 ppm;
- (c) Cr less than or equal to 10 ppm;
- (d) Pb less than or equal to 100 ppm;
- (e) PCB less than or equal to 50 ppm;
- (f) Total Halogens less than 1000 ppm;
- (g) Flash Point greater than or equal to 100 F;
- (h) Heat content between 5,000 Btu/lb to 19,000 Btu/lb.

USED OIL DELIVERIES

6. Ash Grove shall:

- (a) Authorize the person receiving and reviewing used oil shipments the authority to reject materials exceeding standards of this approval.
- (b) Obtain a signed laboratory report from the oil supplier verifying each shipment of used oil received meets Conditions No. 5(a) through (h).
- (c) Maintain a used oil delivery log and record in this log the name of the supplier, the delivery date, the volume of used oil and a signed laboratory report of each shipment of used oil received.

7. Ash Grove shall calibrate the used oil flow meter at least once per calendar year and maintain records of that calibration.

SOURCE TEST

8. Ash Grove shall submit a source test plan for Condition No. 9(a) through 9(h) no later than 30 days after the completion date specified in the Notice of Completion for this Order, meeting Regulation I, Section 3.07 with sampling methods, analytical procedure and testing dates. Ash Grove shall also follow 40 CFR 63, Subpart A and Subpart LLL for Condition No. 9(h) (Dioxin/Furan) including determining the average inlet temperature of the particulate matter control device. Alternative test methods to those identified in Condition No.9 may be used only after review and approval by the Agency.

9. Ash Grove shall complete performance source testing while operating with and without the injection of used oil. These tests shall be conducted while burning coal but not injecting tires and with the raw mill both operating and not operating. All tests shall be performed no later than 90 days after the completion date specified in the Notice of Completion with the following methods:

- (a) Opacity (CEMS);
- (b) SO₂ (CEMS);

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- (c) NO_x (CEMS);
- (d) CO (CEMS);
- (e) Formaldehyde (Method 0011/SW-8315);
- (f) HCl (EPA Method 26A)
- (g) Metals (EPA Method 29);
- (h) Dioxin/Furan (EPA Method 23).

10. During the tests required in Condition No. 9, Ash Grove shall record the following data:

- (a). Main Baghouse inlet temperature following 40 CFR 63.1349(b)(3);
- (b) Type and quantity of clinker manufactured for cement;
- (c) Type and quantity of raw materials added to kiln;
- (d) Type, quantity and fuel Btu added to the kiln (including used oil);
- (e) Burnability Index; and
- (f) Variability of raw mix.

RECORDS

11. Ash Grove shall maintain written records required by this Order of Approval on site. In addition, Ash Grove shall retain each record for at least five years and make them available to Puget Sound Clean Air Agency personnel upon request.

ORDER OF APPROVAL 5687 SUPERSEDED

12. Order of Approval 9229 cancels and supersedes Order of Approval No. 5687 dated January 11, 1995.

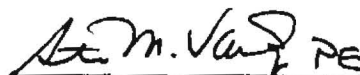
APPEAL RIGHTS

Pursuant to Puget Sound Clean Air Agency's Regulation I, Section 3.17 and RCW 43.21B.310, this Order may be appealed to the Pollution Control Hearings Board (PCHB). To appeal to the PCHB, a written notice of appeal must be filed with the PCHB and a copy served upon Puget Sound Clean Air Agency within 30 days of the date the applicant receives this Order.



Fred Austin *P.E.*
Reviewing Engineer

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Steven Van Slyke
Supervising Engineer

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